**LEGEND** 

1. NEOPRENE STRIP SEAL ( \_ - INCH) & STEEL EXTRUSIONS. 2. STUDS %  $^{\prime\prime}$   $^{\prime\prime}$  X 6% "LONG AT 6" ALTERNATE CENTERS. WELD TO EXTRUSIONS & BEND AS SHOWN AFTER WELDING.

2A. 1/2" THICK ANCHOR PLATE WITH 5%"Φ ROD (OR ALTERNATE STRIP SEAL ANCHOR). WELD ROD TO ANCHOR PLATE, WELD ANCHOR PLATE TO #1 AT 1'-6" CENTERS BETWEEN GIRDERS.

4. ¾4"Φ THREADED ROD WITH NUT. TACK WELD NUT TO NO.5.

FABRICATE SUPPORT FROM 3" X 1/2" BAR AS SHOWN OR EQUIVALENT, ONE PER GIRDER PER SIDE, FIELD OR SHOP WELD TO NO.1. IF FIELD WELDED, COVER WELDED AREAS WITH EPOXY-COATING MATERIAL. PROVIDE 1/2"  $\phi$  HOLE FOR NO. 3. & 1"  $\phi$  HOLE FOR NO. 4.

7.  $\frac{y}{4}$   $^{\prime}$  X  $11/_{2}$  " Stainless steel socket flat head screws with anti-seize lubricant, recess  $1/_{16}$  " below plate surface.

8. 3/4" X 4" GALVANIZED HEX HEAD BOLT. BEND 45°.

10. 1" X 5" SLOTTED CSK, HOLE FOR **\*7.** SLOT PARALLEL TO DIRECTION OF MOVEMENT.

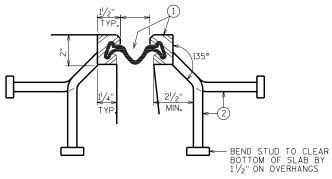
9. 3/4" A Z1/4" GALVANIZED THREADED COUPLING.

# -SET FLUSH WITH CONC. 4 5 PAVING NOTCH CONST. JOINT

### SECTION THRU JOINT AT ABUTMENT

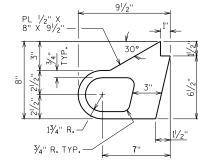
- FRONT FACE OF ABUT.BACKWALL

NORMAL TO € SUBSTRUCTURE



### SECTION THRU JOINT

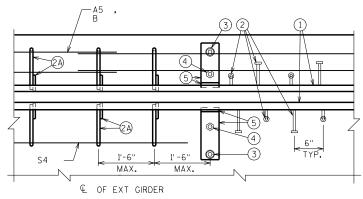
EXTERIOR GIRDER TO EDGE OF SLAB & AT PARAPETS, MEDIANS & SIDEWALKS



### ALTERNATE STRIP SEAL ANCHOR

## **B**5 8 FACE OF CONC. OPENING $9\frac{1}{2}$ " MAX. AT PAVING BLOCK AT SLAB

### <u>SECTION THRU JOINT</u>



#### PART PLAN

### **GENERAL NOTES**

ONE FIELD SPLICE PERMITTED IN STEEL EXTRUSIONS. IF USED, DETAILS SHALL BE SUBMITTED FOR APPROVAL. NO SPLICING PERMITTED IN NEOPRENE STRIP SEAL.

AFTER FABRICATION, BUT BEFORE SHIPMENT, STRAIGHTEN STEEL EXTRUSIONS SUCH THAT THEY SHALL BE FREE FROM WARP, TWIST & SWEEP.

FABRICATOR SHALL PROVIDE MEANS OF KEEPING GALVANIZED EXTRUSIONS CLEAN & SMOOTH DURING SHIPMENT AND PRIOR TO APPLYING LUBRICANT ADHESIVE FOR NEOPRENE GLAND INSTALLATION.

SANDBLAST PLATES & EXTRUSIONS AFTER FABRICATION IN ACCORDANCE WITH SSPC SP. #6 "COMMERCIAL BLAST CLEANING". AFTER BLAST CLEANING THE PLATES & EXTRUSIONS SHALL BE HOT DIPPED GALVANIZED.

ANCHOR SYSTEM #8 & #9 SHALL CONFORM TO ASTM A307 & SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 CLASS C & D.

STRIP SEAL EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS & HARDWARE WILL BE PAID FOR AT THE LUMP SUM PRICE BID FOR "EXPANSION DEVICE B-\_--".

NO.	DATE REVISION					BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION						
STRUCTURE						
			DRAWN PLANS BY CK'D.			
	EXPANSION			SHEET		
	DEVICE					

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JT400SS 2-06

ROADWAY TRAFFIC AREA BETWEEN EXTERIOR GIRDERS.

ABUTMENT REINFORCEMENT

BACK FACE OF ABUTMENT —